

CLAIMS

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1	1.	1 L SCCUIC	printing	System	comprising.

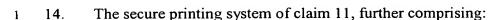
- a remote print system configured to provide a user with an encryption key,
- 3 receive information encrypted using the encryption key, decrypt the information with
- a corresponding decryption key, and enable the information, once decrypted, to be
- 5 printed.
- 1 2. The secure printing system of claim 1, wherein said remote print system
- 2 generates the encryption key and the corresponding decryption key.
- 1 3. The secure printing system of claim 1, further comprising:
- a printing device configured to print hardcopy of the information; and
- wherein said remote print system is implemented by the printing device.
- 1 4. The secure printing system of claim 3, wherein said printing device includes a
- 2 display device; and
- wherein the encryption key is displayed to the user via the display device.
- 1 5. The secure printing system of claim 1, wherein the remote print system has a
- 2 an address usable for providing information to the remote print system via a
- 3 communication network; and
- wherein the remote print system is configured to provide the user with the
- 5 address.



- 1 6. The secure printing system of claim 1, further comprising:
- a data retrieval/encryption system arranged at a location remote from the
- 3 remote print system, the data retrieval/encryption system being configured to
- 4 communicate with the remote print system via a communication network, the data
- 5 retrieval/encryption system being further configured to receive the encryption key and
- 6 information corresponding to information that the user intends to print such that the
- data retrieval/encryption system locates the information that the user intends to print,
- 8 encrypts the information that the user intends to print using the encryption key, and
- 9 communicates the information in an encrypted form to the remote print system.
- 1 7. The secure printing system of claim 6, wherein the data retrieval/encryption
- 2 system is configured to communicate to the user, via the communication network, that
- 3 information is available for printing such that, if the user desires the information to be
- 4 printed, the user can obtain an encryption key from the remote print system and
- 5 communicate the encryption key to the data retrieval/encryption system for use in
- 6 encrypting the information to be printed.
- 1 8. The secure printing system of claim 1, further comprising:
- a print request system communicating with the data retrieval/encryption
- 3 system, the print request system being configured to receive the encryption key and
- 4 information corresponding to information that the user intends to print such that the
- 5 print request system communicates the encryption key and the information.
- 6 corresponding to information that the user intends to print to the data
- 7 retrieval/encryption system.



- 9. The secure printing system of claim 8, wherein the print request system is 1
- implemented by a portable computing device. 2
- The secure printing system of claim 9, wherein the portable computing device 10. 1
- communicates with the data retrieval/encryption system via wireless communication. 2
- A secure printing system for printing information, the information being stored 11. 1
- in memory at a location remote from a user, the information being accessible to the 2
- user via a communication network, said secure printing system comprising: 3
- a remote print system arranged at a location remote from the information and 4
- configured to provide a user with an encryption key, 5
- 6 said remote print system being configured to communicate with the
- communication network such that said remote print system receives information 7
- encrypted using said encryption key, 8
- said remote print system being further configured to decrypt said information 9
- with a corresponding decryption key, and enable said information, once decrypted, to 10
- be printed. 11
- 12. The secure printing system of claim 11, further comprising: 1
- means for providing the user with said encryption key. 2
- The secure printing system of claim 12, wherein said means for providing the 1 13.
- user with said encryption key is a display device. 2



- a printing device configured to print hardcopy of said information; and
- wherein said remote print system is implemented by said printing device such
- 4 that, once said information is decrypted using said decryption key, said printing device
- 5 is enabled to print said information as hardcopy.
- 1 15. A method for secure printing of information transmitted via a communication
- 2 network, the information being stored in memory at a first location remote from a
- 3 user, the information being accessible to the user via the communication network, said
- 4 method comprising:
- 5 providing the user with an encryption key;
- 6 receiving, at a second location remote from the first location, information
- 7 encrypted using the encryption key via the communication network;
- decrypting the information with a corresponding decryption key; and
- enabling the information, once decrypted, to be printed.
- 1 16. The method of claim 15, further comprising:
- providing the user with an address usable for providing information to the
- 3 second location via the communication network.
- 1 17. The method of claim 15, wherein the encryption key is provided to the user
- 2 visually.



- 1 18. A method for secure printing of information transmitted via a communication
- 2 network, the information being stored in memory at a first location remote from a
- 3 user, the information being accessible to the user via the communication network, said
- 4 method comprising:
- enabling an encryption key to be received at a second location remote from the
- 6 first location;
- 7 enabling information that is to be printed to be identified; and
- 8 enabling the encryption key and information corresponding to the information
- 9 that is to be printed to be transmitted to the first location via the communication
- network such that the information that is to be printed is encrypted using the
- encryption key, transmitted to the second location via the communication network,
- decrypted using a corresponding decryption key, and printed.
- 1 19. The method of claim 18, wherein enabling the encryption key and information
- 2 corresponding to the information that is to be printed to be transmitted comprises:
- enabling the encryption key and information corresponding to the information
- 4 that is to be printed to be transmitted via wireless communication.
- 1 20. The method of claim 18, wherein enabling an encryption key to be received at
- 2 a second location remote from the first location comprises:
- 3 enabling the user to provide the encryption key.